

FIG. 1

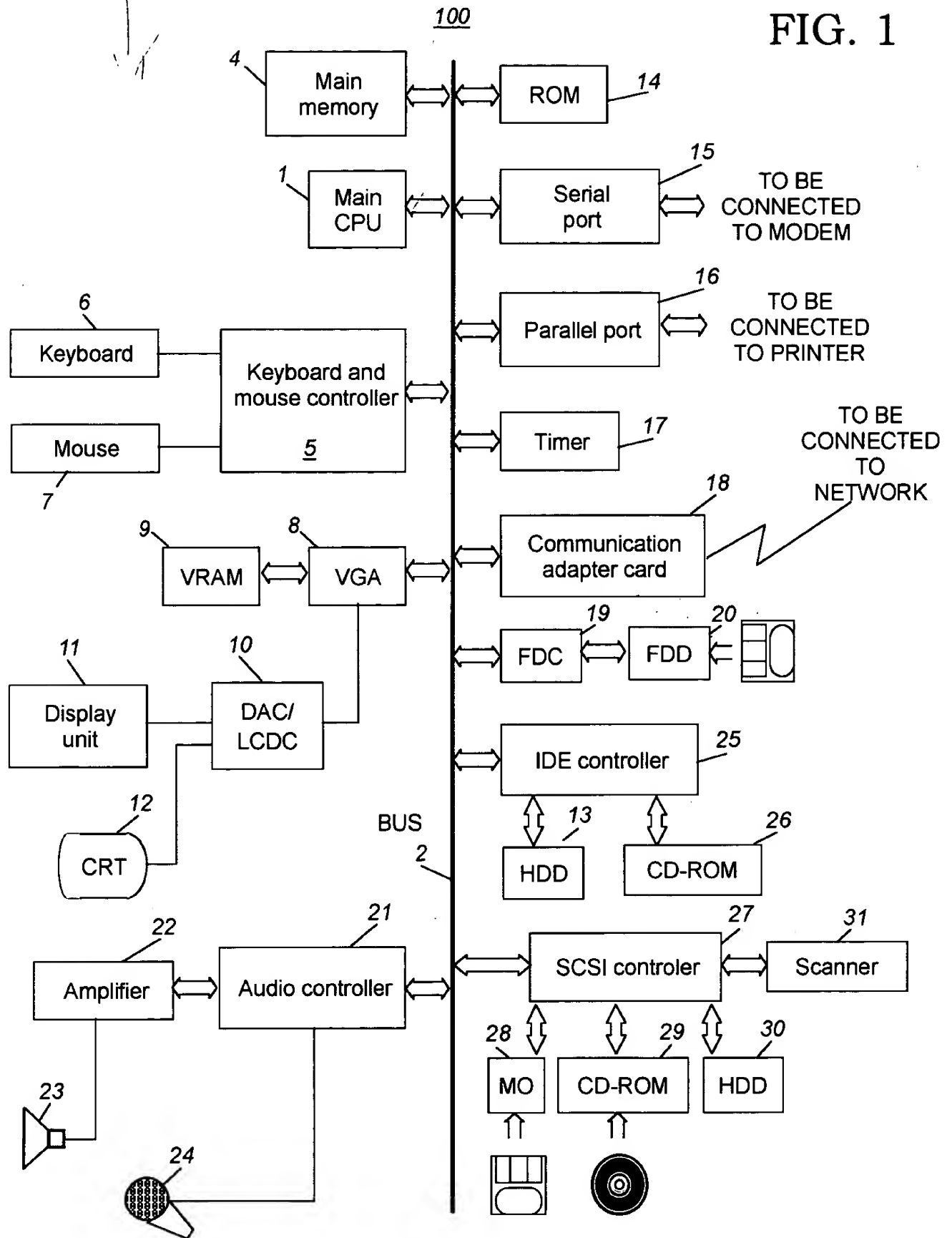


FIG. 2A

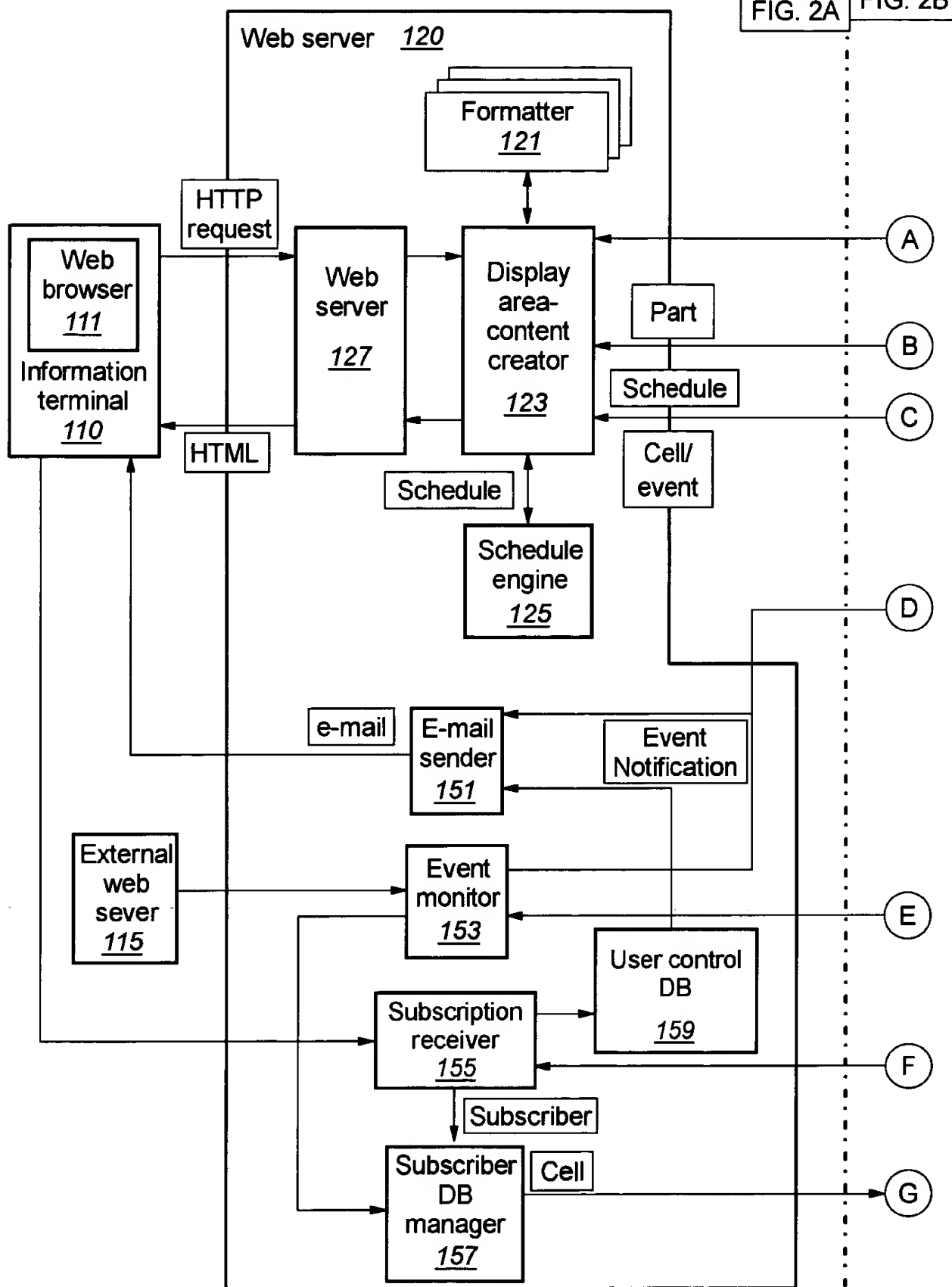


FIG. 2B

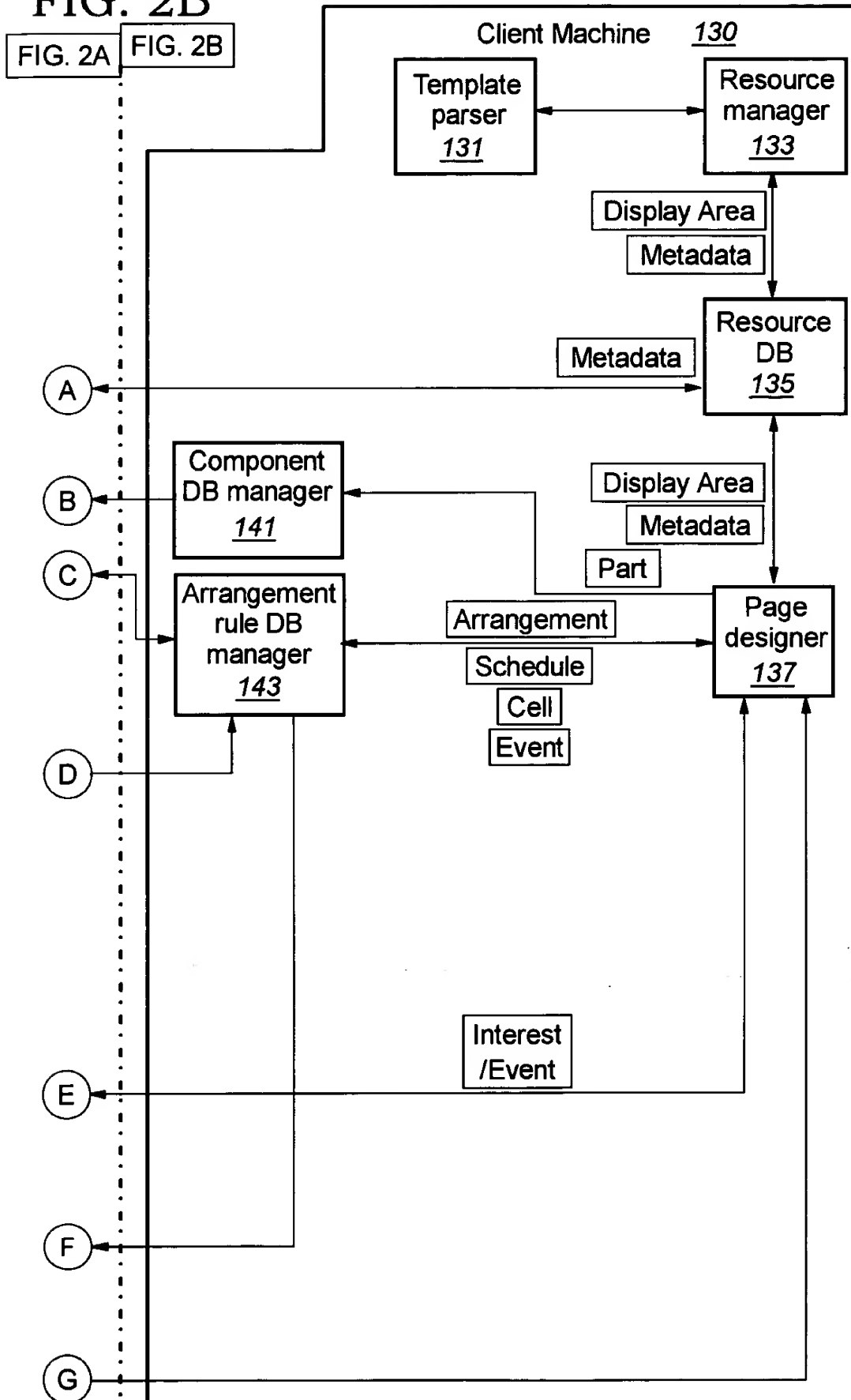
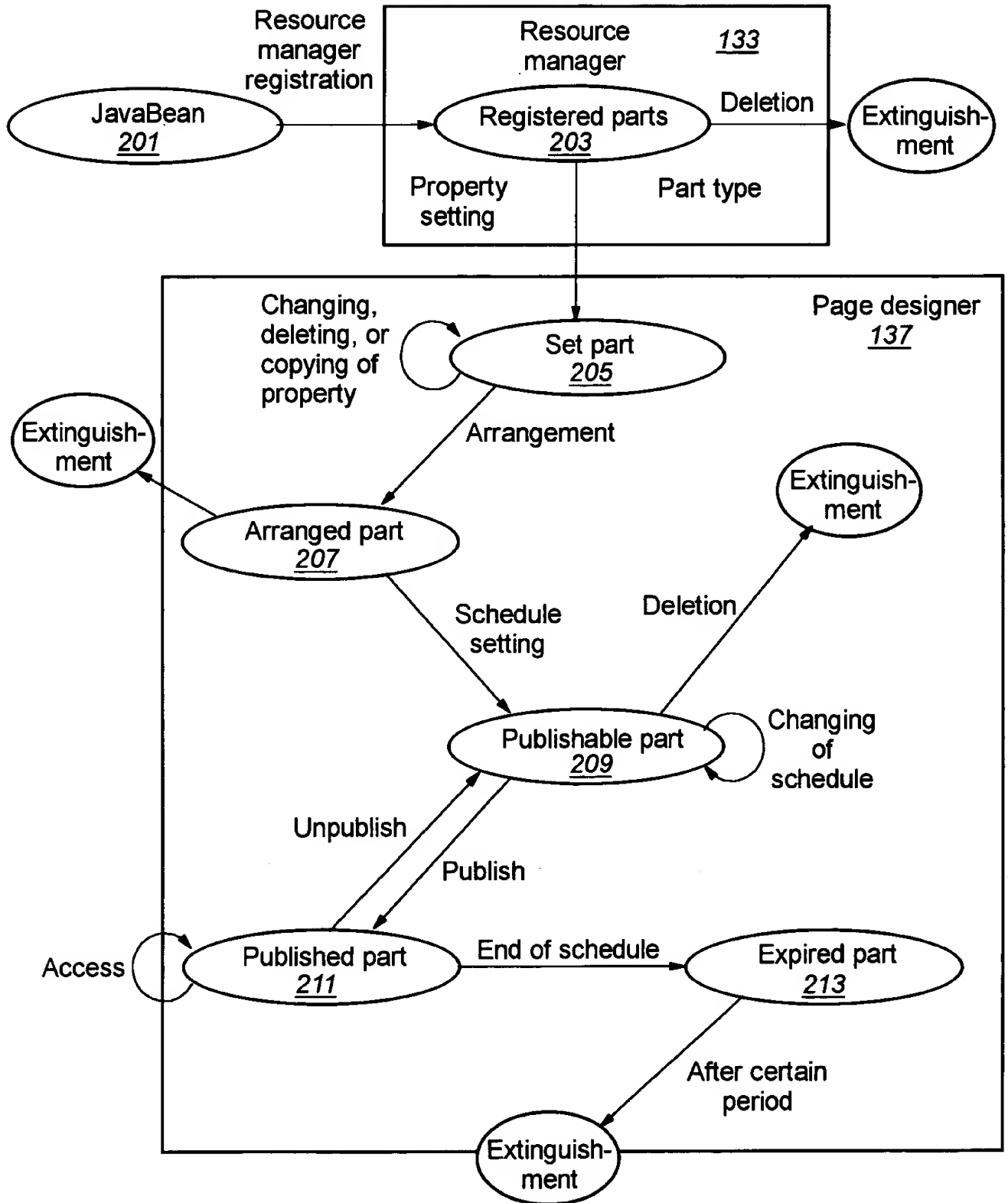


FIG. 3



09547000 074700

Content creator

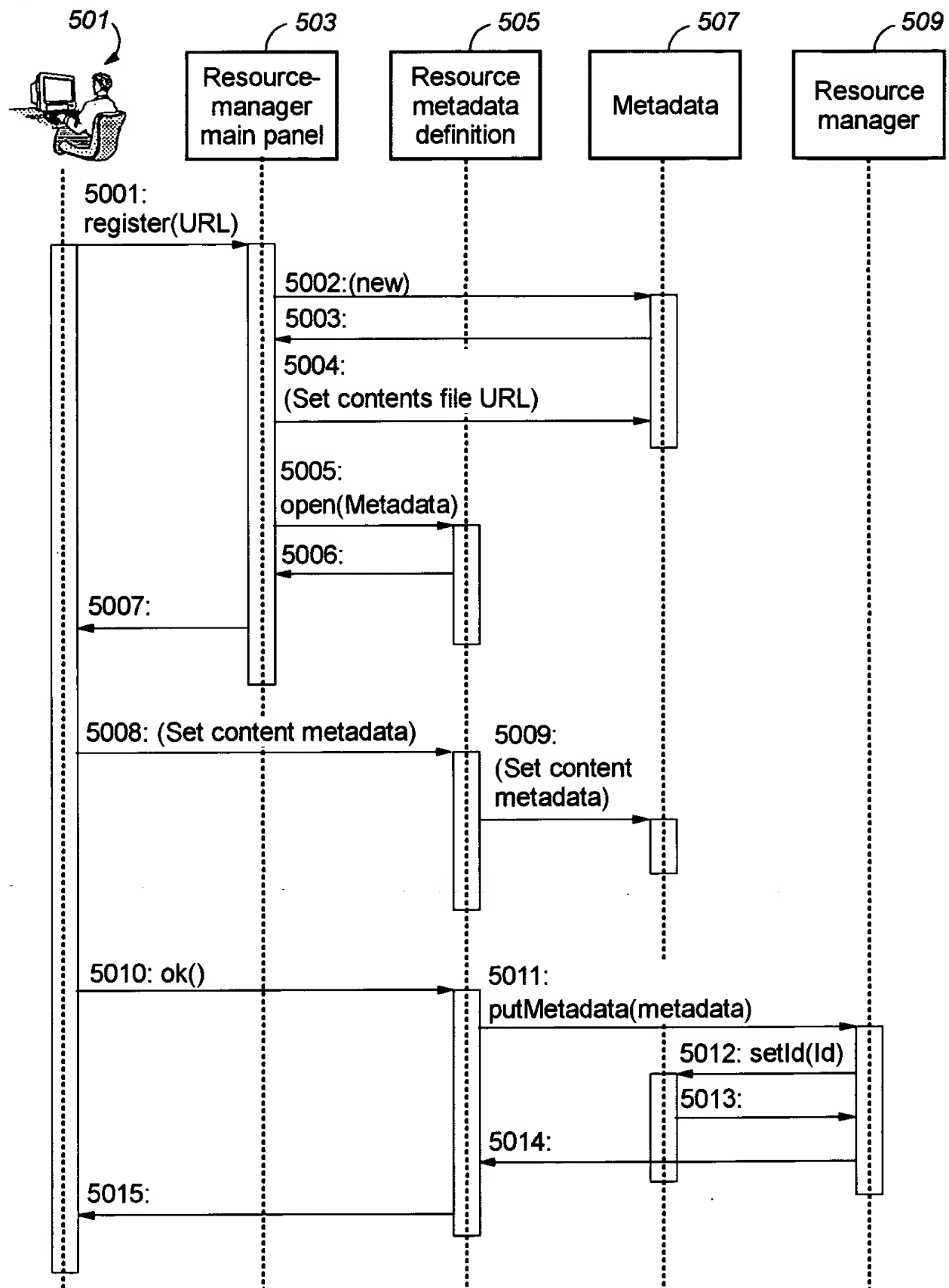
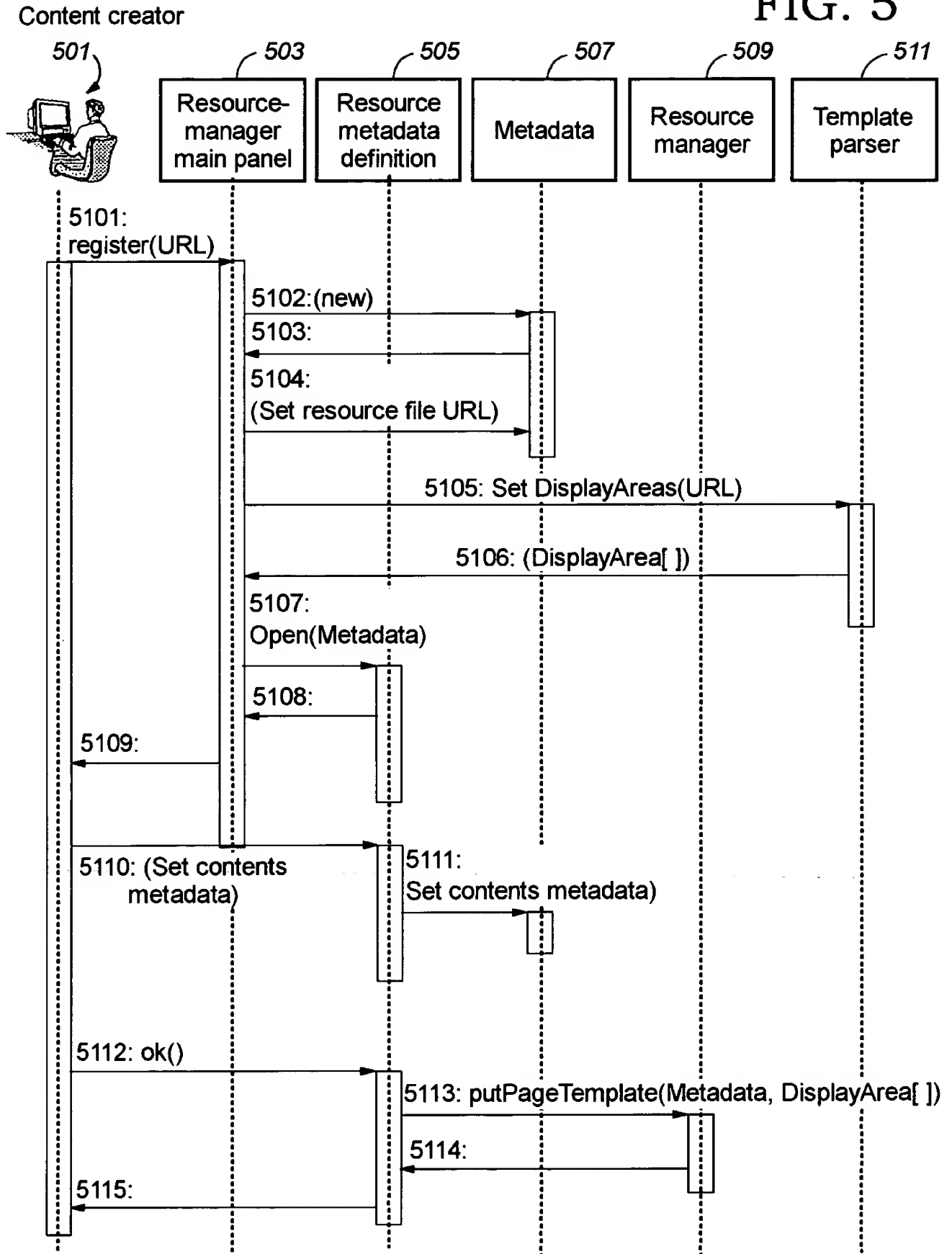


FIG. 5



2025-04-09 10:00:00

FIG. 6

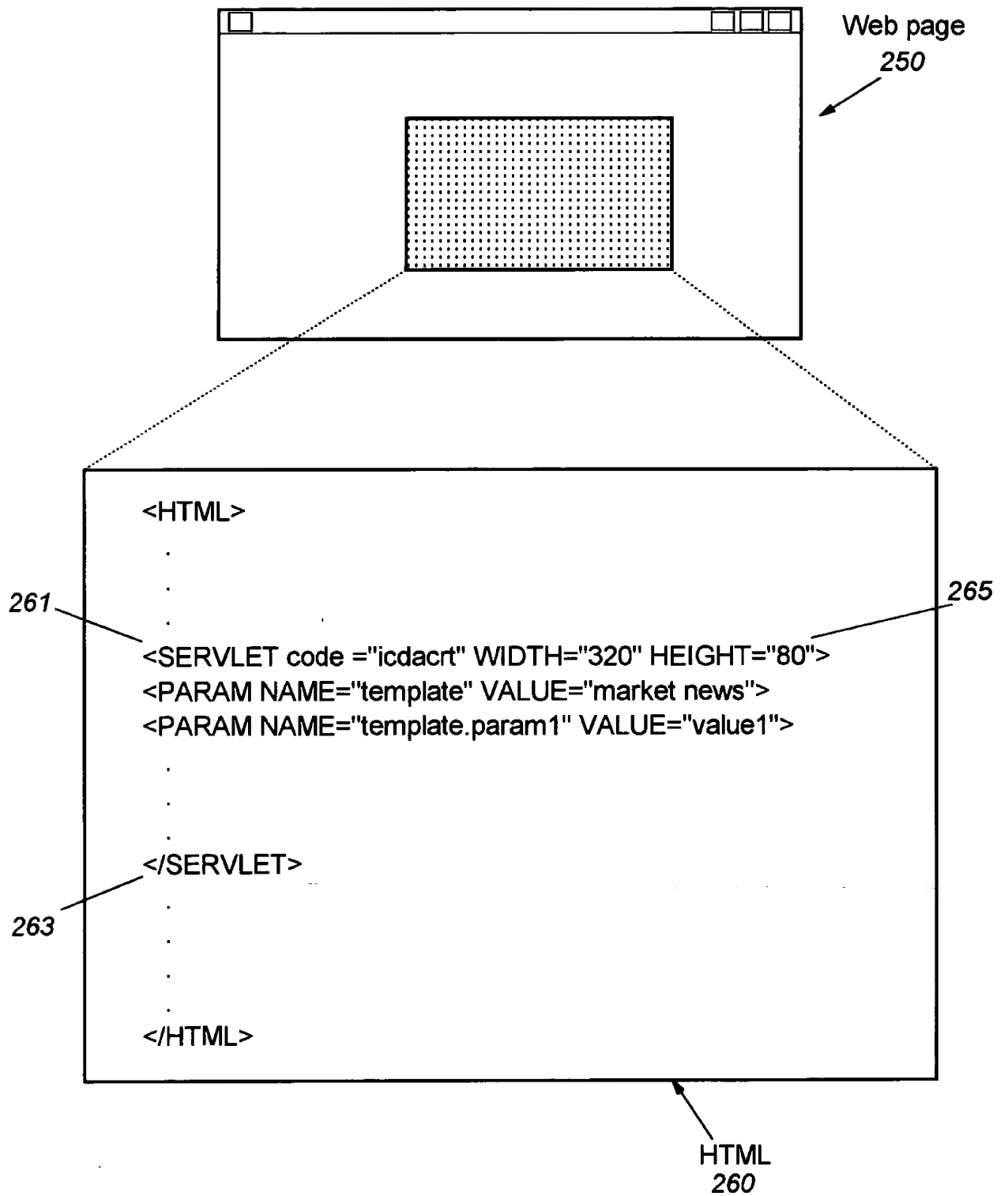


FIG. 7A

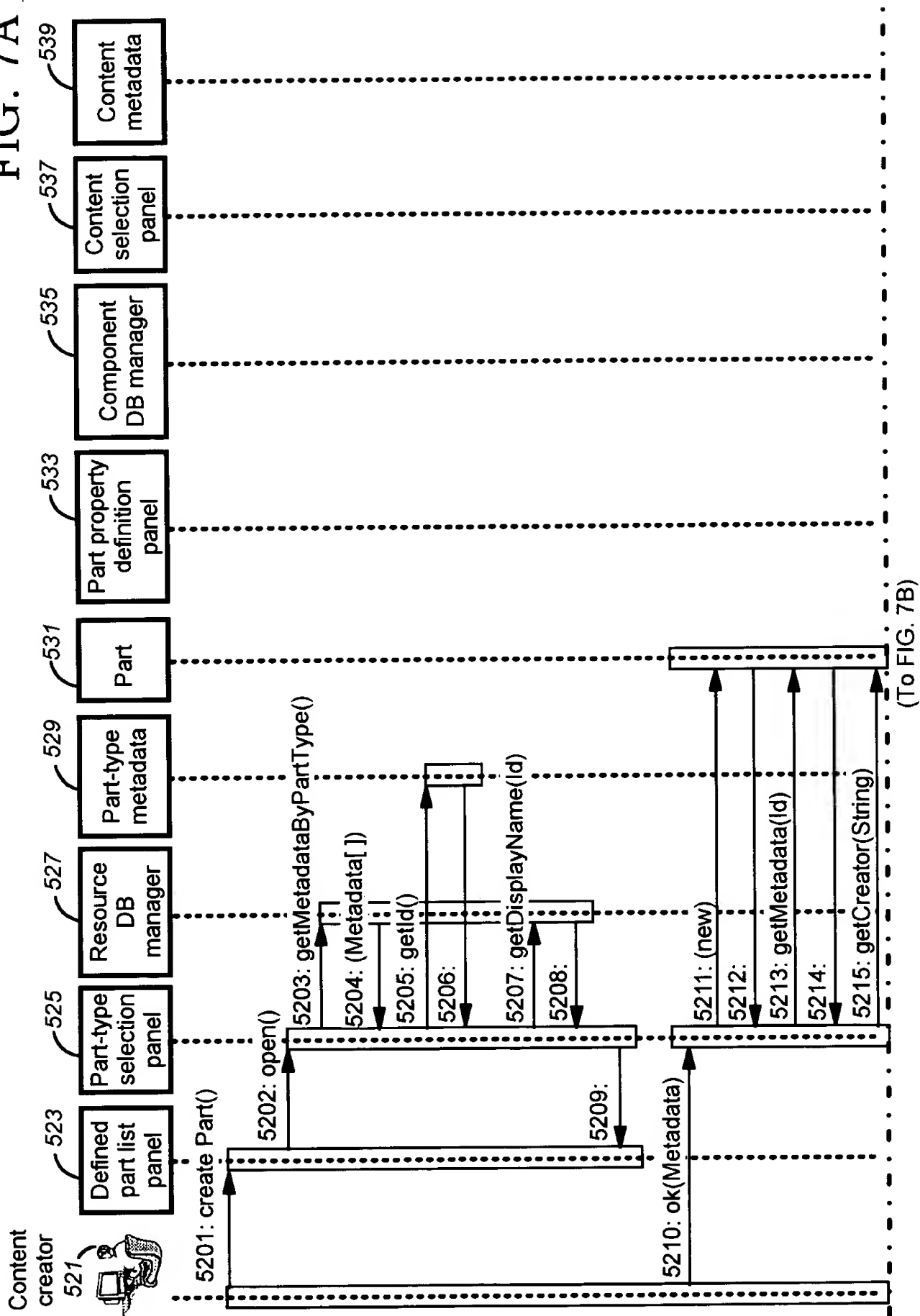


FIG. 7B

(From FIG. 7A)

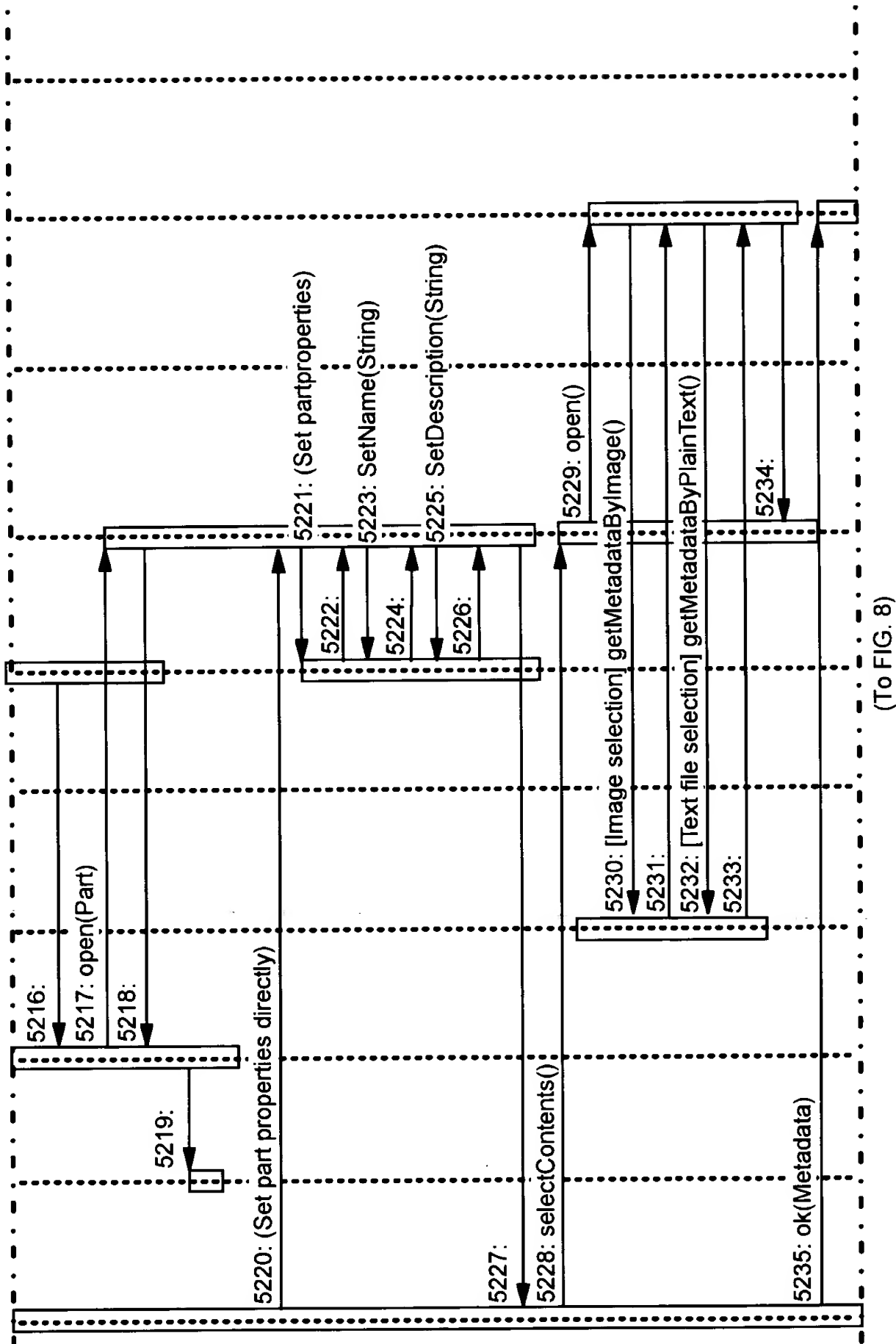


FIG. 8

(From FIG. 7B)

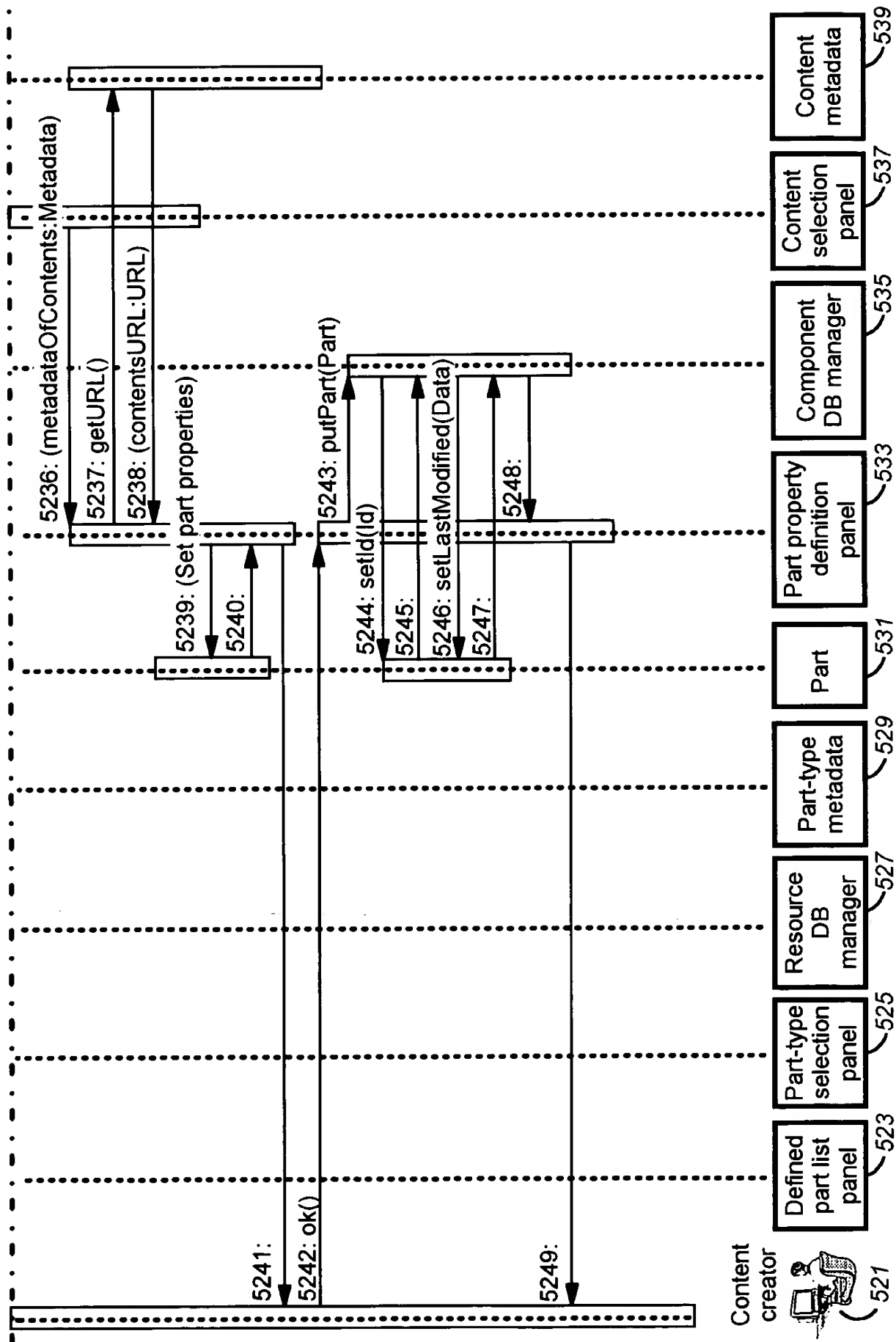
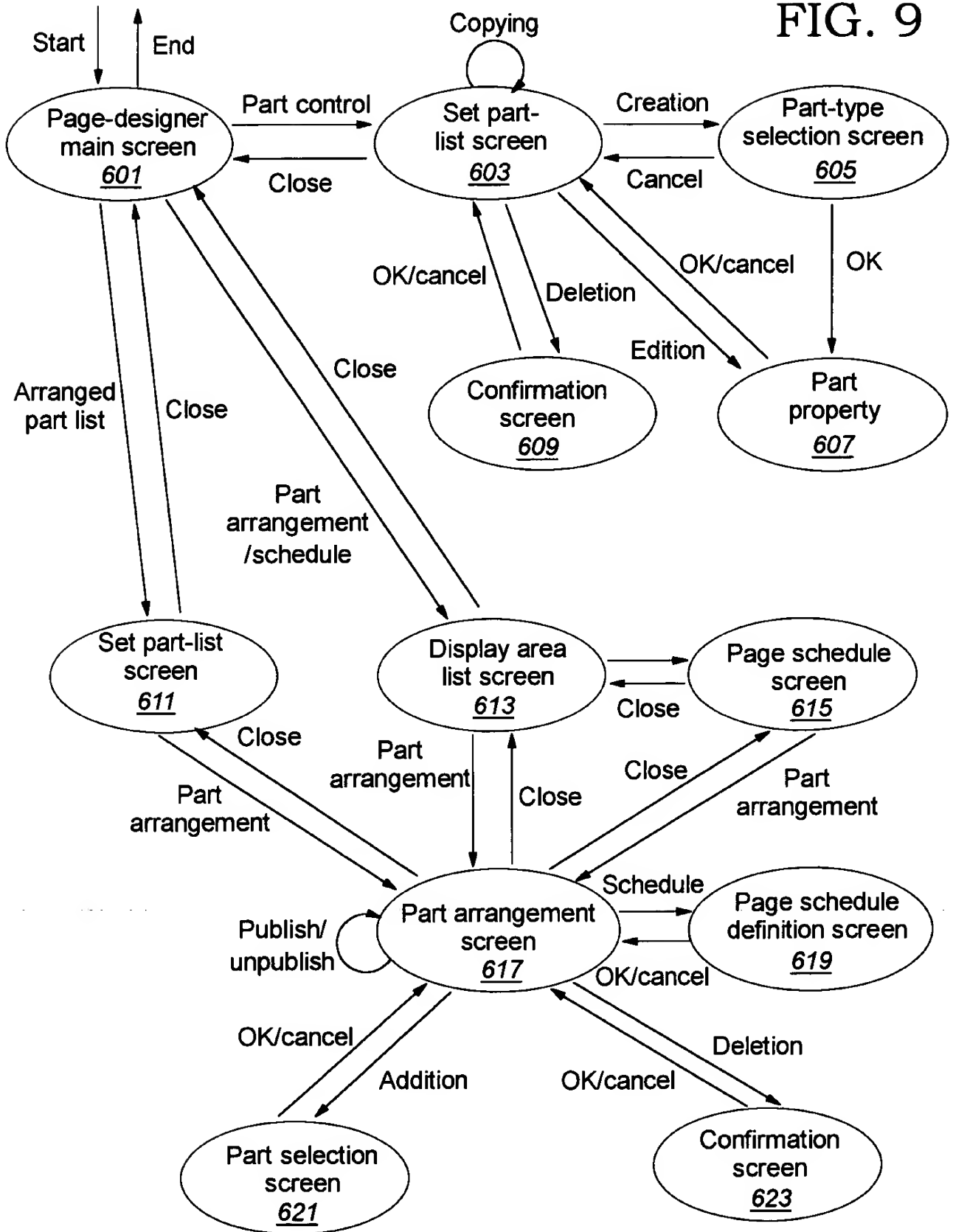


FIG. 9



00647906 "071700

FIG. 10A

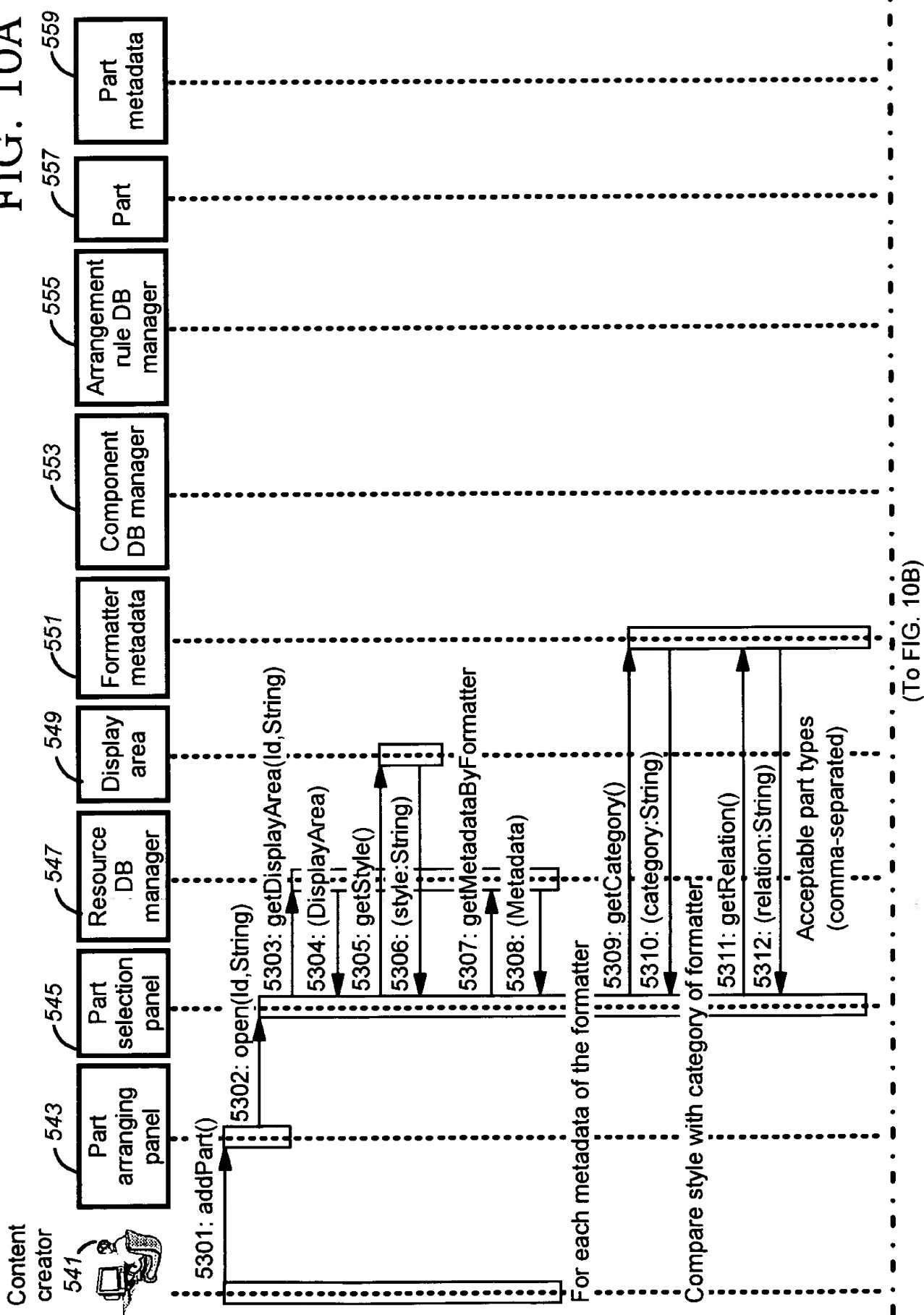
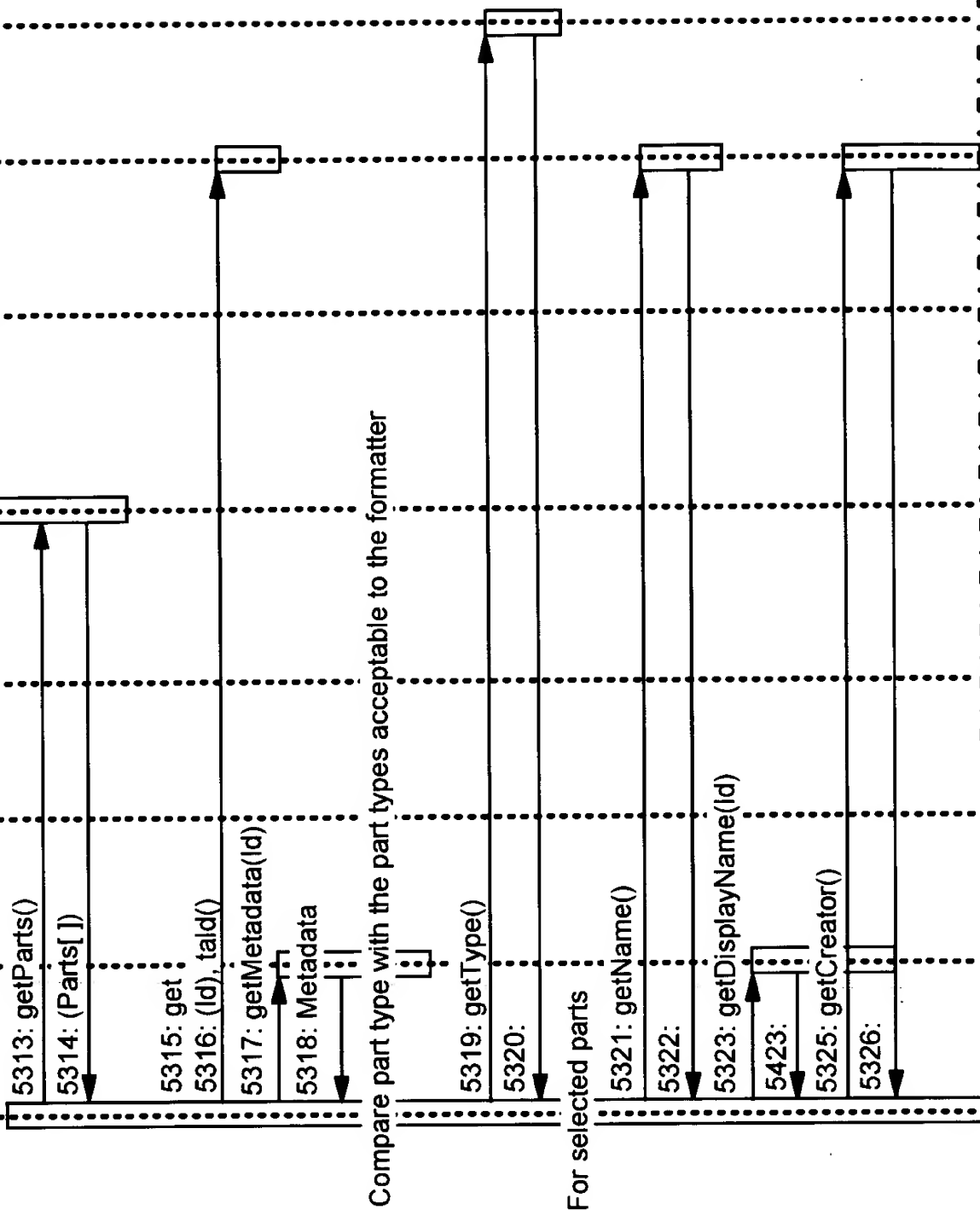


FIG. 10B

(From FIG. 10A)



(To FIG. 11)

FIG. 11

(From FIG. 10B)

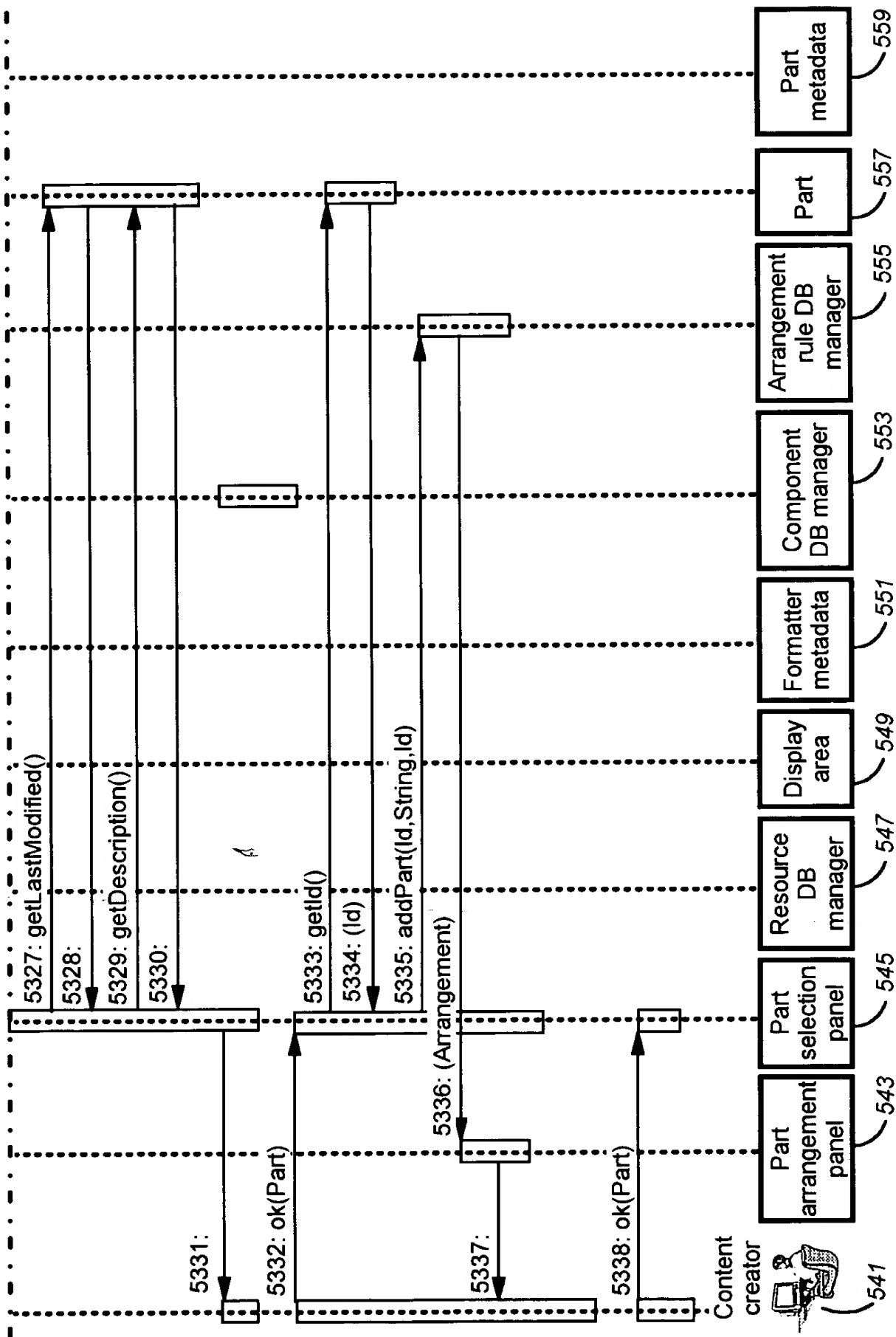
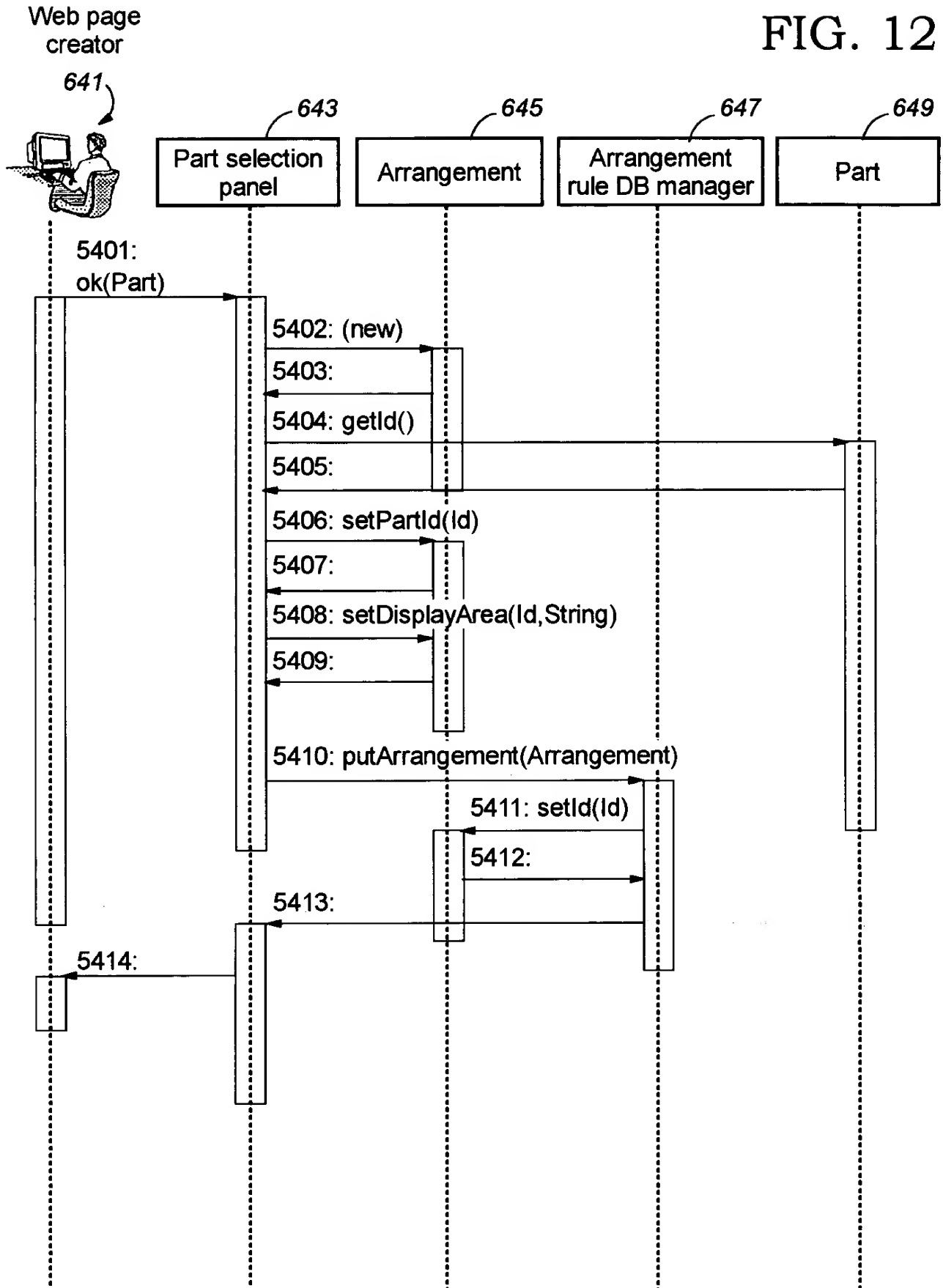


FIG. 12



0044030354560

FIG. 13

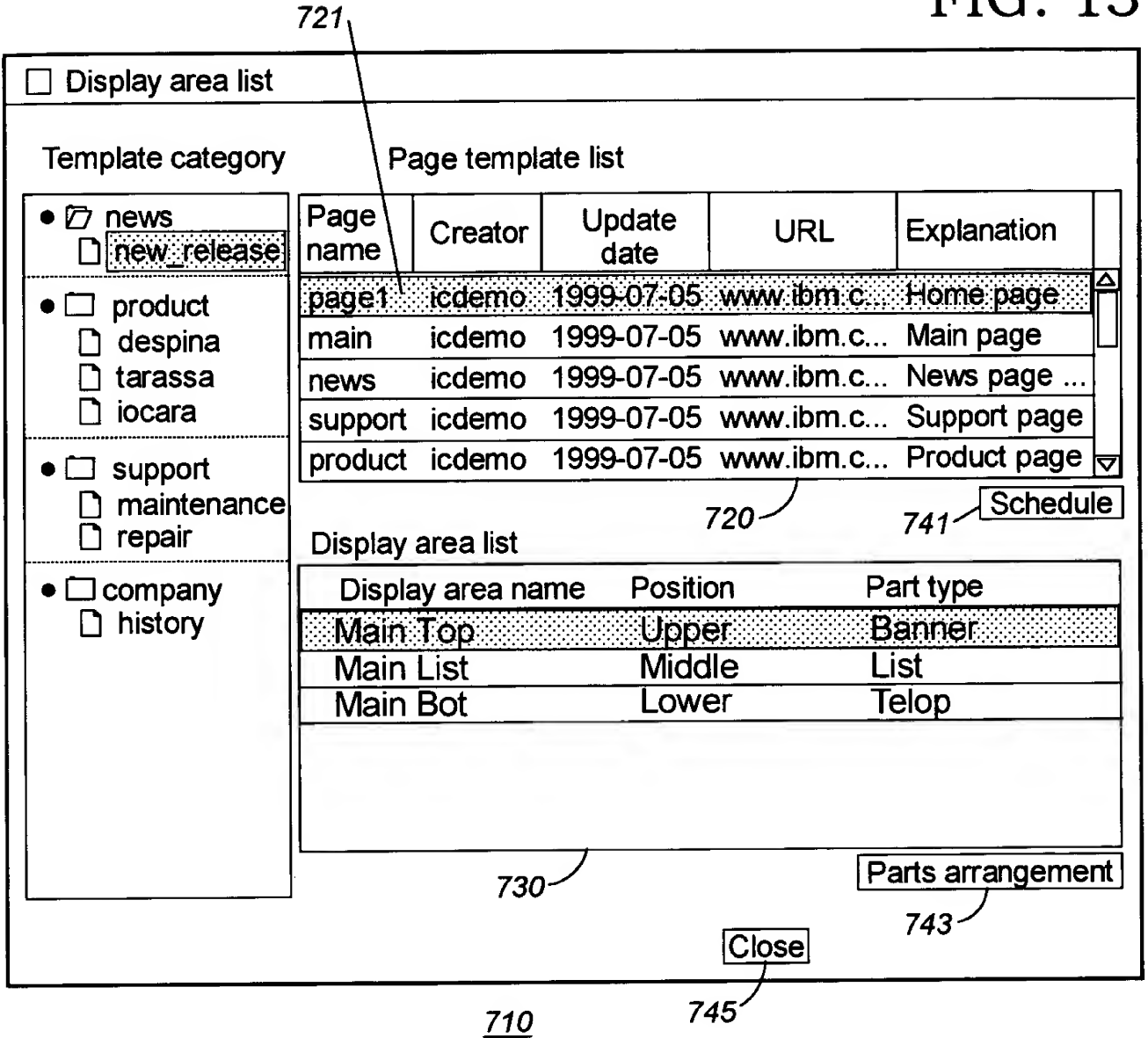


FIG. 15

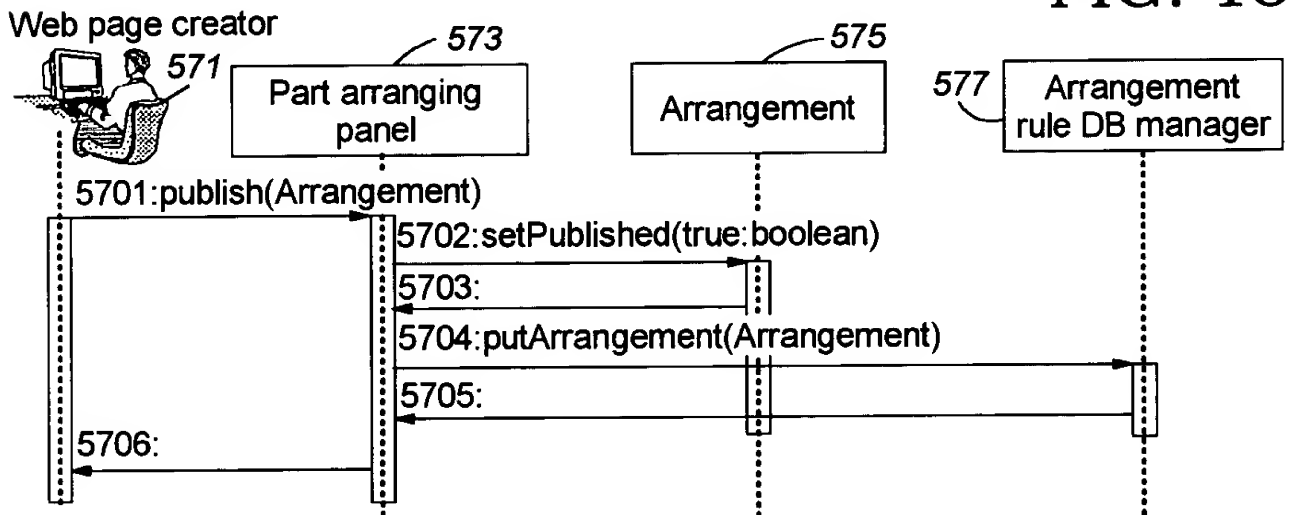
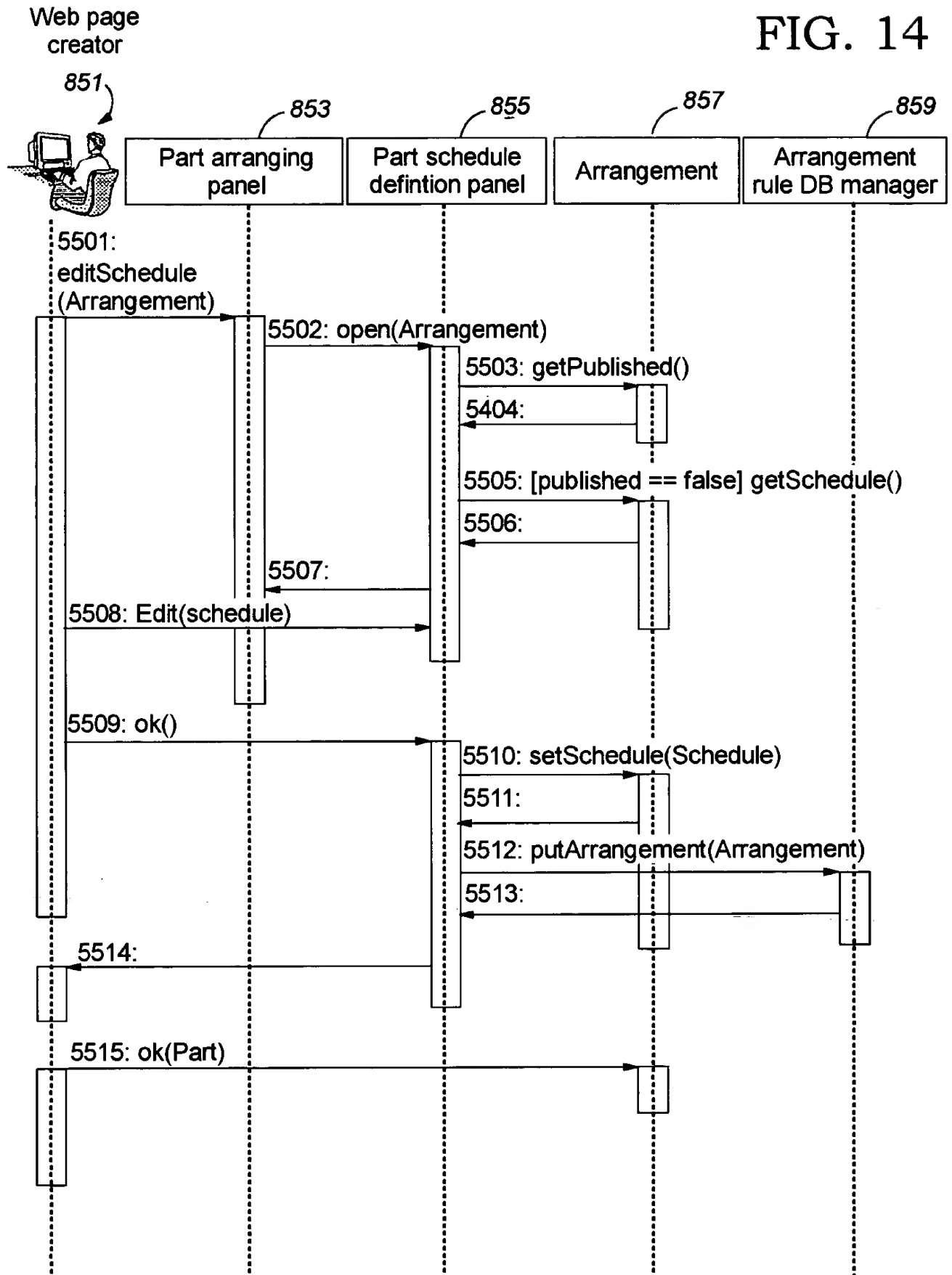


FIG. 14



00443064360

FIG. 16A

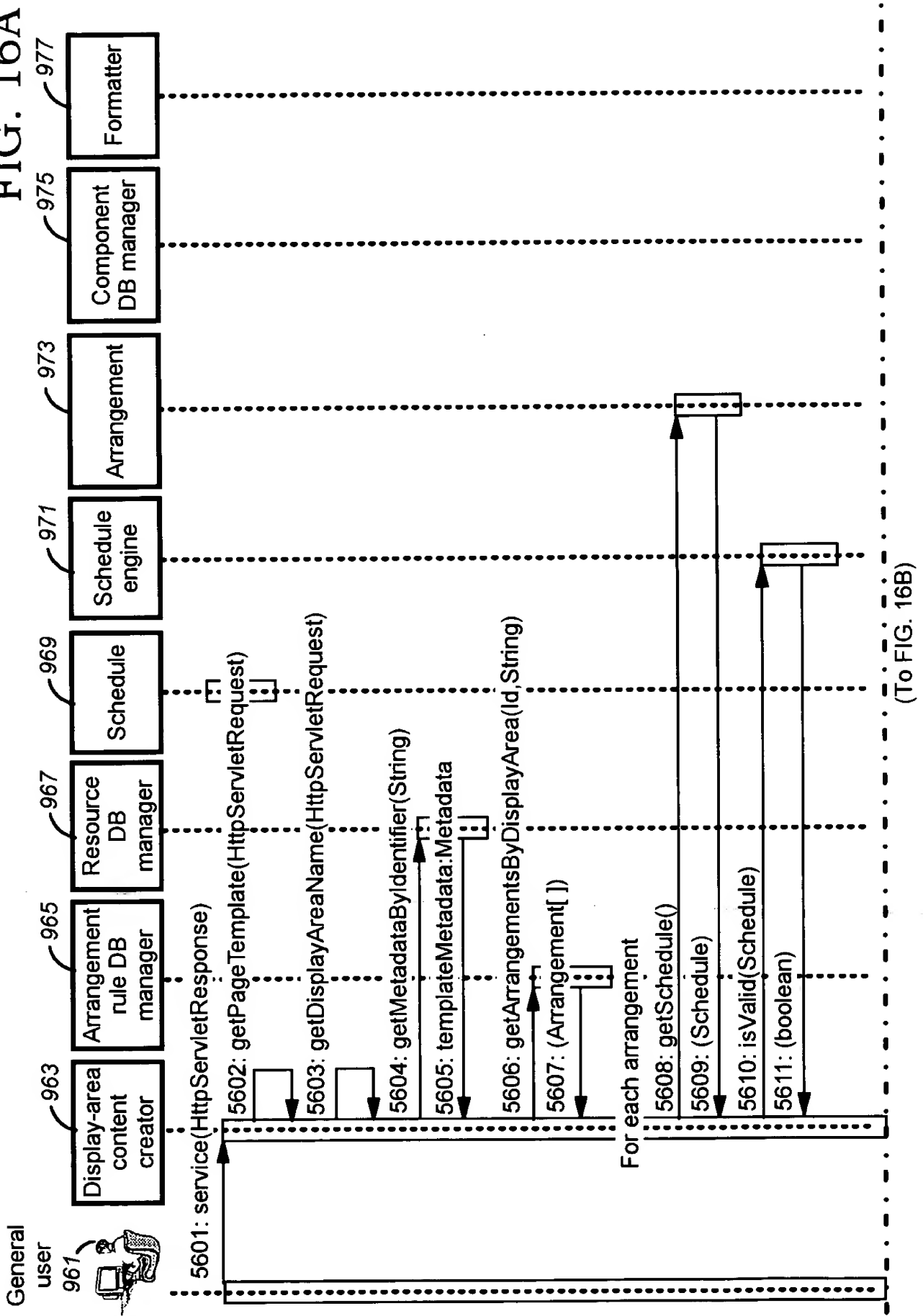
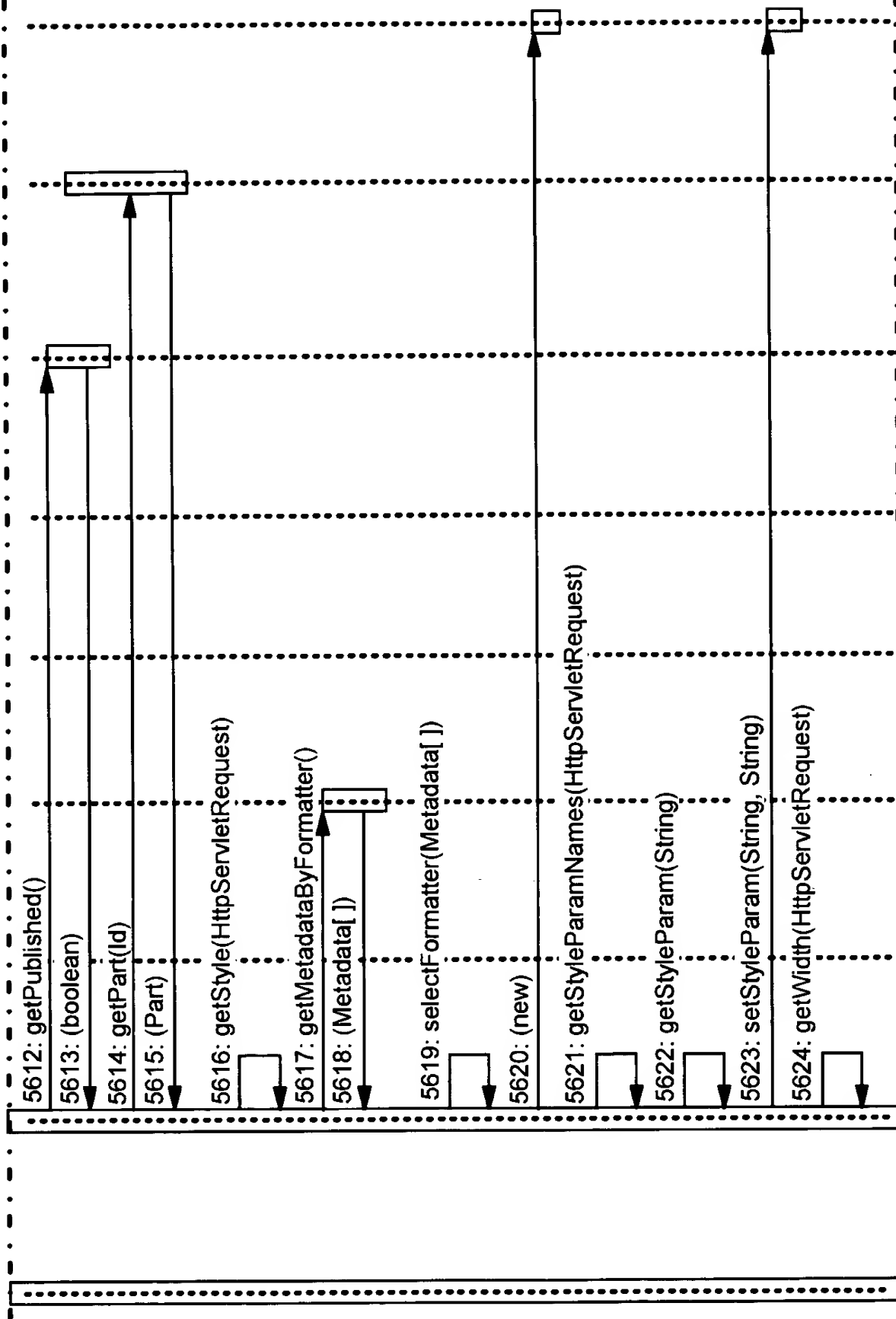


FIG. 16B

(From FIG. 16A)



(To FIG. 17)

FIG. 17

(From FIG. 16B)

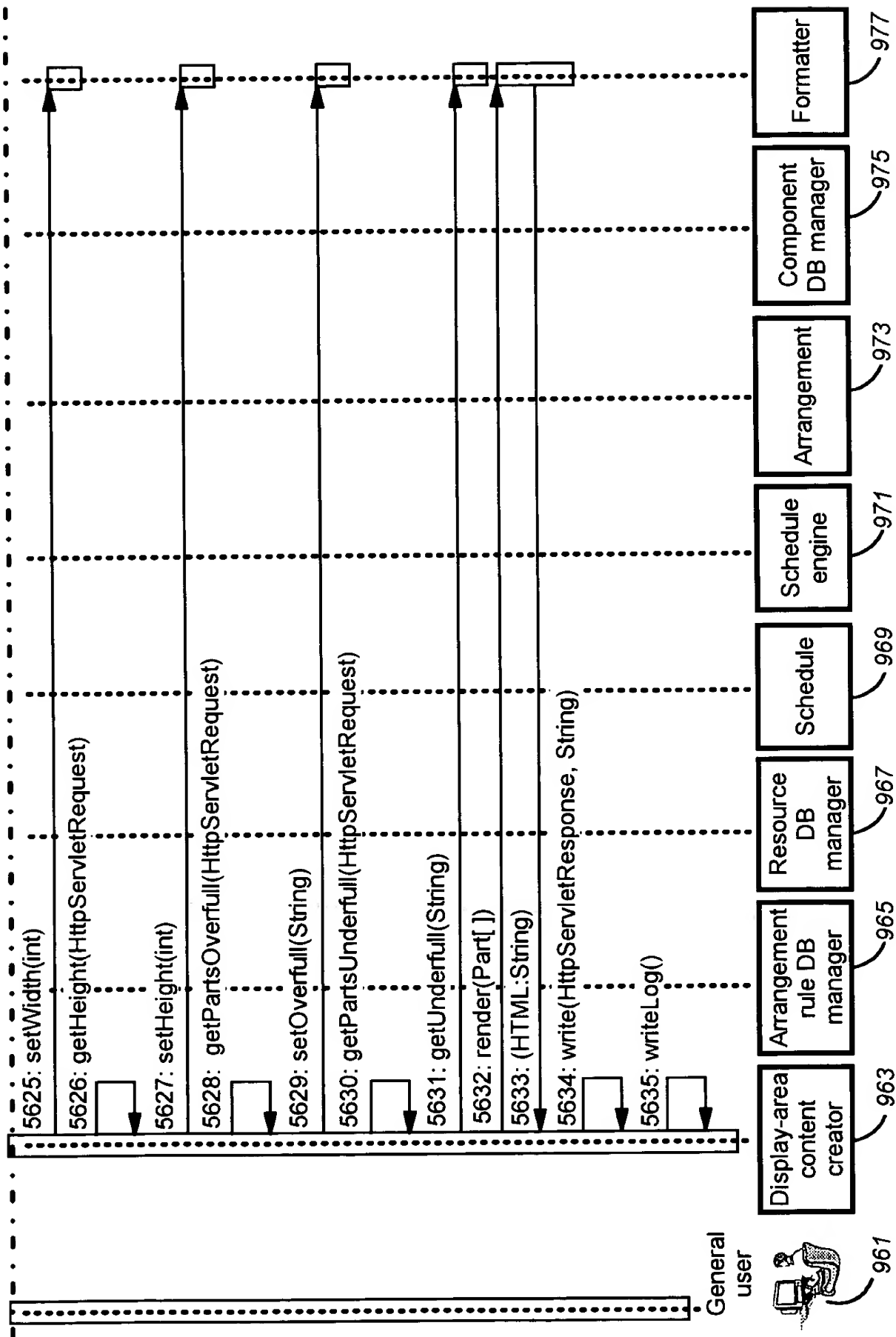


FIG. 18

```

<SERVLET code=icdacr codebase=servlet>
  <PARAM NAME="name" VALUE="product_ad">
  <PARAM NAME="style" VALUE="bannerFlow">
  <PARAM NAME="direction" VALUE="horizontal">
  <PARAM NAME="bgColor" VALUE="Gray"
  <PARAM NAME="width" VALUE="300">
  <PARAM NAME="height" VALUE="80">
  <PARAM NAME="position" VALUE="top">
  <PARAM NAME="default" VALUE="<IMG SRC='default_img.gif'>">
  <PARAM NAME="partsOverfull" VALUE="random">
  <PARAM NAME="partsUnderfull" VALUE="shrink">
</SERVLET>

```

701

703

Example of display area in practical use 700

FIG. 19

704 Part ID	705 Part display area name	706 Part template ID	707 START	708 END	709 Publish
0001	product_ad	1001	1999-01-01 0:00	1999-07-01 0:00	1
0002	product_ad	1002	1999-07-01 0:00	2000-01-01 0:00	1
0003	product_inf	1003	1999-08-01 4:00	1999-09-20 23:00	0
.
.
.

Arrangement rule DC 710

FIG. 20

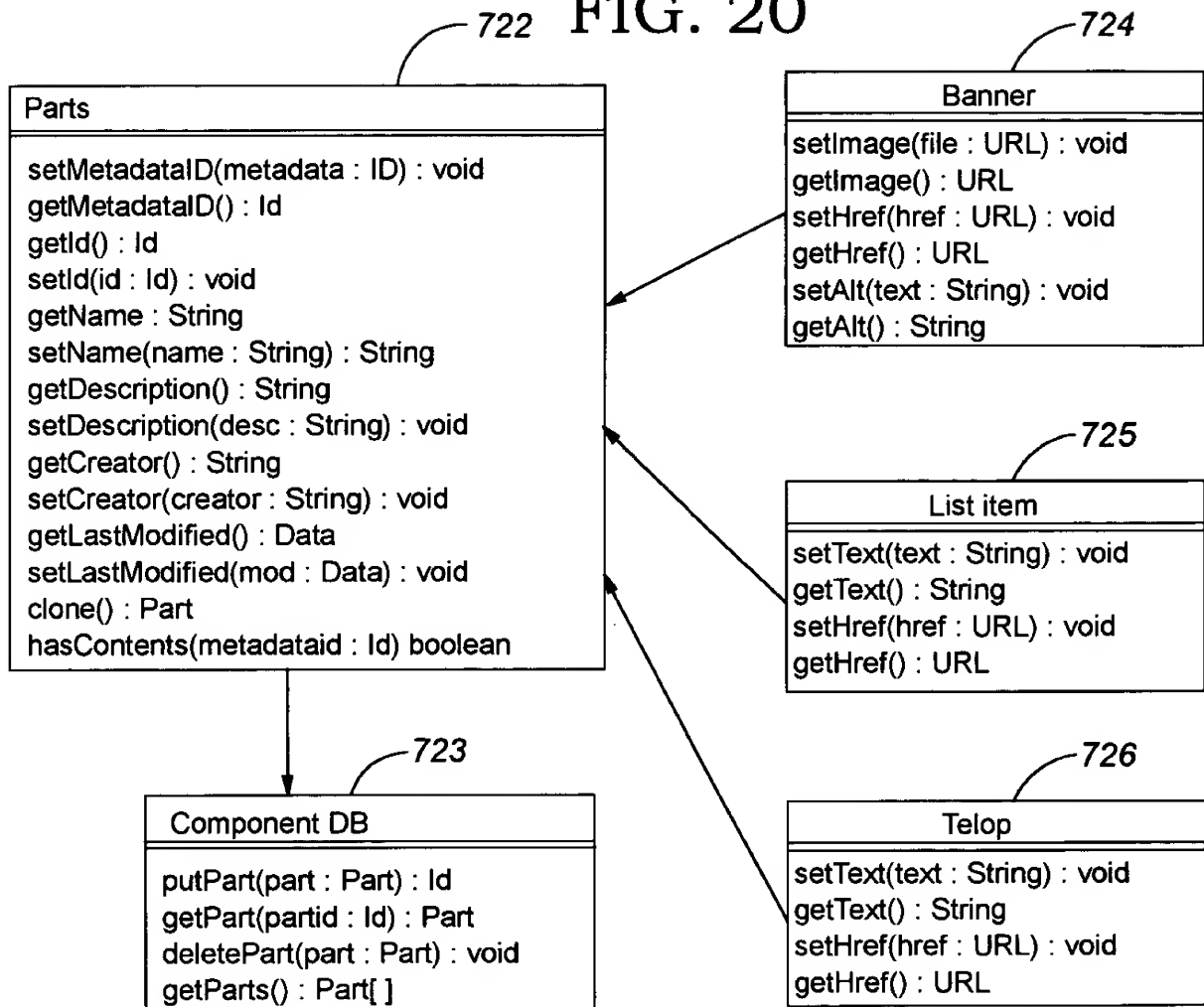


FIG. 21

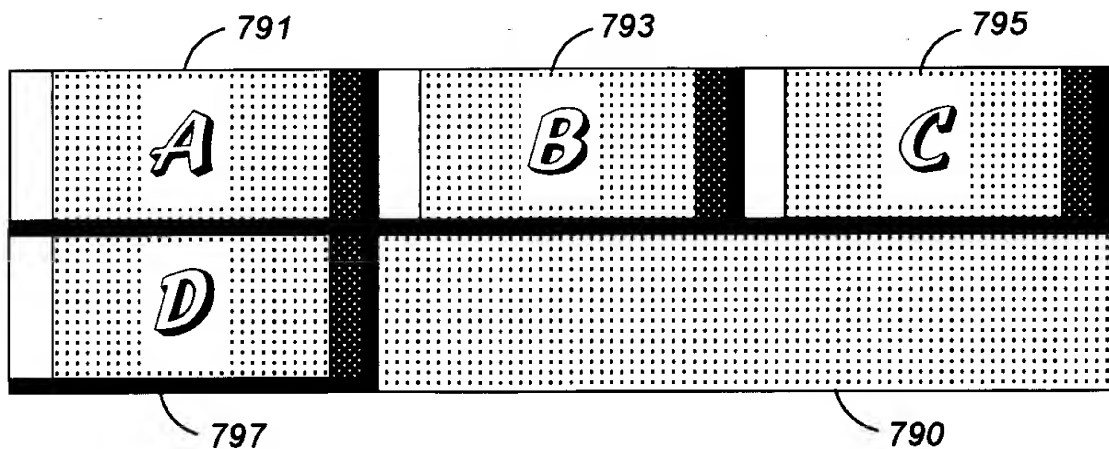


FIG. 22

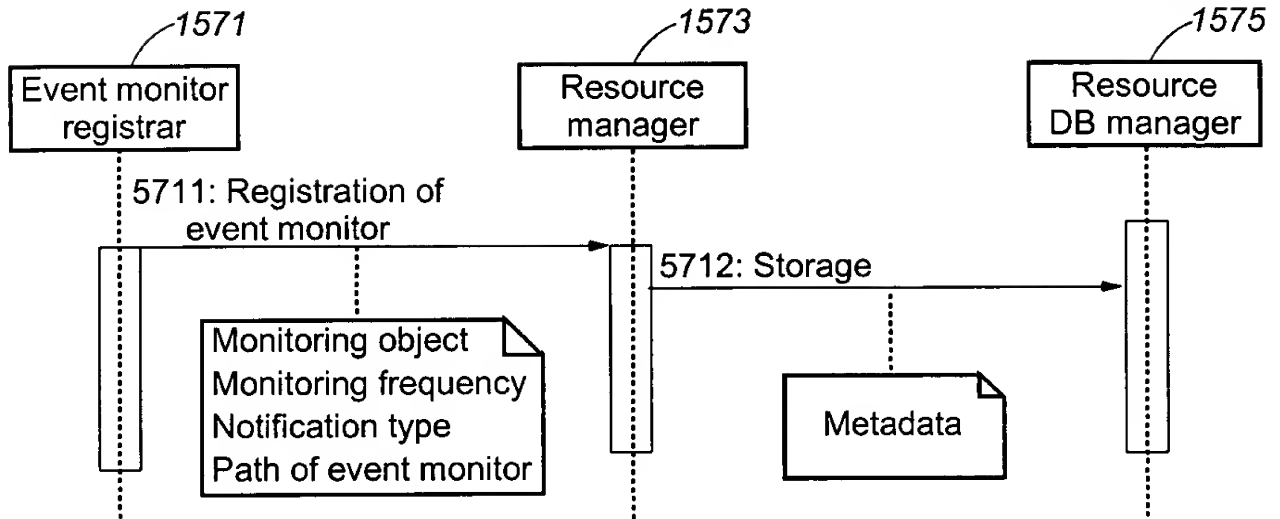
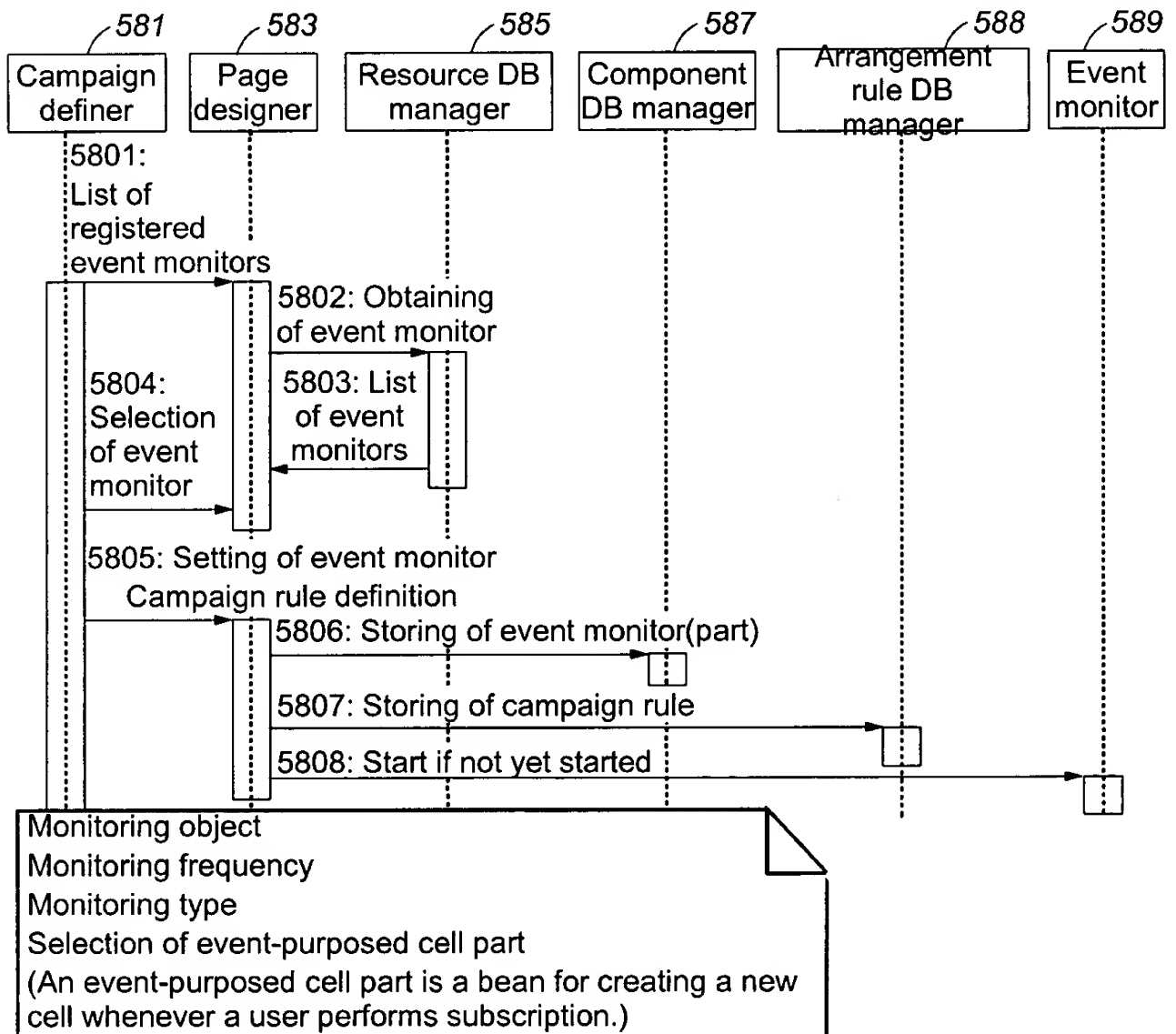


FIG. 23



2004-07-06 09:43:00

FIG. 24

1731 Part type	1721 Part ID	1723 Part display area name	1725 Page template ID	1727 START	1728 END	1729 Publish	1733 Event flag	1735 Cell part ID
Banner	0001	product_ad	1001	1999-01-01 0:00	1999-07-01 0:00	1	1	2001
Banner	0002	product_ad	1002	1999-07-01 0:00	2000-01-01 0:00	1	1	2001
Telop	0003	product_inf	1003	1999-08-01 4:00	1999-09-20 23:00	0	0	2001
Event	0004						1	2003
.
.
.

1720
Arrangement rule DB

FIG. 26

1741 User ID	1743 Cookie	1745 E-mail address	1747 User profile

1740
User control DB

0042-3062-6360

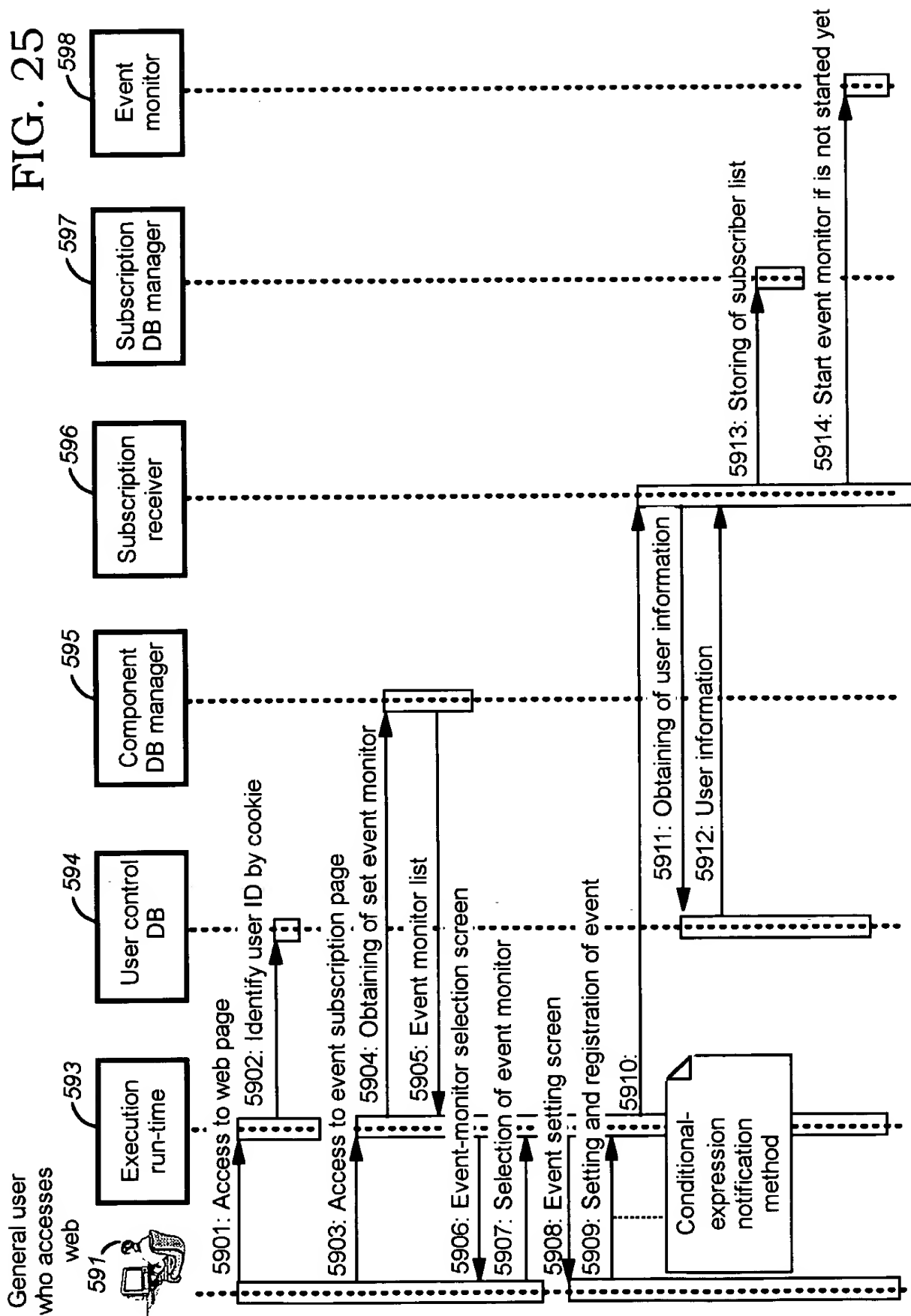


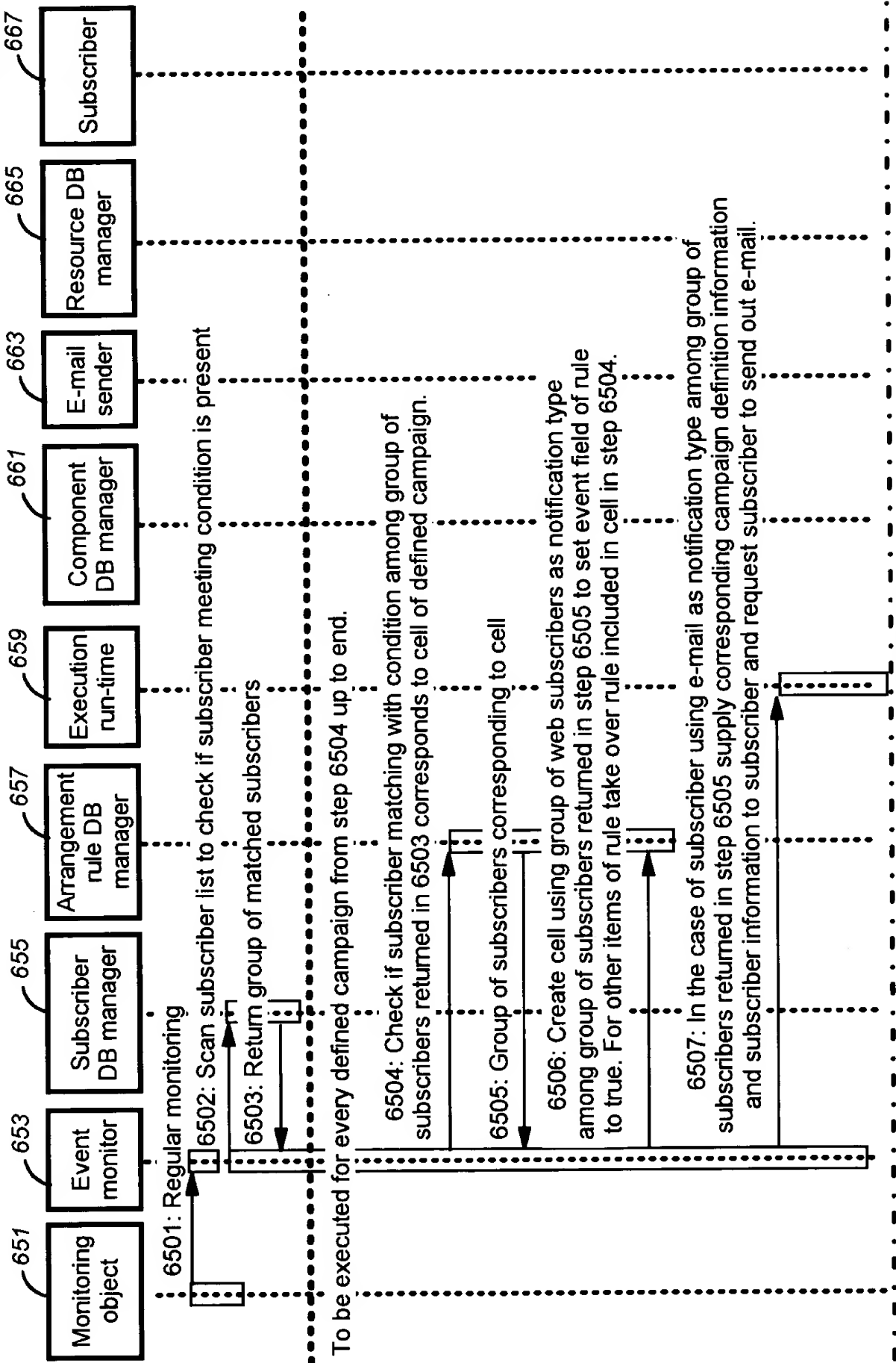
FIG. 27

Subscription ID	User ID	Part ID	Conditional expression	Notification type	Campaign flag

750
Subscription DB

004720 3067360

FIG. 28A



(From FIG. 28A)

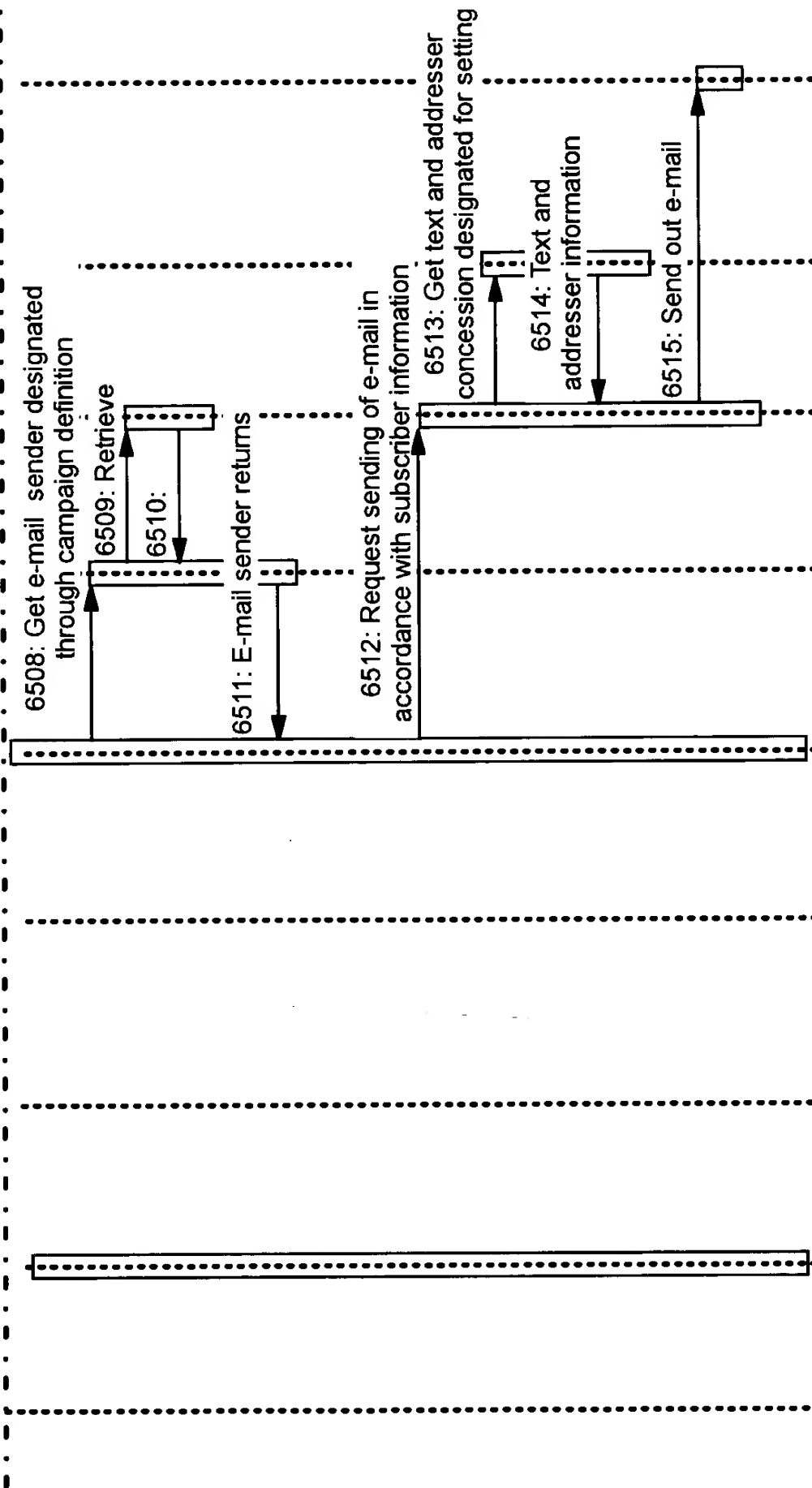


FIG. 29
(prior art)

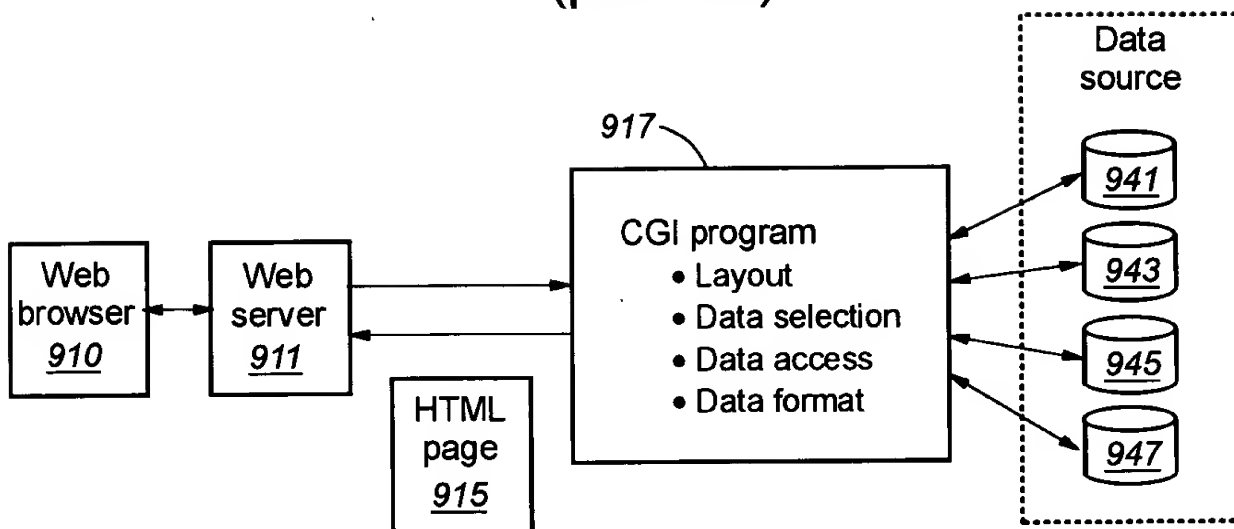


FIG. 30
(prior art)

